

# SERVICE SIDE FILTERING OF XML MESSAGES IN A DISTRIBUTED NETWORK

## ABSTRACT OF THE DISCLOSURE

5

A JMS provider first applies any specified JMS selector to determine if the message is to be sent to the topic subscriber. If the answer is yes, the JMS provider under this invention checks if the message is an XML message. If it is an XML message, and it conform to the specified XML schema it is transformed using the  
10 specified filter and an XSLT engine. The resulting modified XML document is sent to the topic subscriber. In the case that it is an XML message but one that conforms to a different schema than the one specified with the filter, then the XML message is sent without any transformation to the topic subscriber.